

## IN THE CLAIMS

Please amend the claims to read as follows:

### Listing of Claims

1-25. (Canceled).

26. (New) A radio communication method in a radio LAN system for radio communication based on TDMA system with idle time provided between data to be transmitted and received by radio communication terminals on a radio section, wherein said radio communication terminal acquires in advance a header of said data on said radio section exchanged between other radio communication terminals, and in case of receiving data without a header from one of said other communication terminals, said radio communication terminal performs processing of said received data referring to said header acquired in advance.

27. (New) The radio communication method according to claim 26, wherein said radio communication terminals change communication setting during said radio communication to reduce header transmission time and/or idle time.

28. (New) The radio communication method according to claim 26, wherein said radio communication terminal acquires ability to reduce header transmission time and/or idle time of said radio communication terminal, serving as a communication partner, from a radio communication terminal different from said radio communication terminal, serving as said

communication partner, and by referring to said ability, said radio communication terminal changes communication setting during said radio communication to reduce said header transmission time and/or said idle time.

29. (New) The radio communication method according to claim 28, wherein, when said radio communication terminal transmits said data, said header is added to said data for each of predetermined data transmissions and other data are transmitted without adding said header.

30. (New) The radio communication method according to claim 29, wherein number of said data transmissions where said header is added is set in said communication setting.

31. (New) The radio communication method according to claim 28, wherein, in case said radio communication terminal receives information relating to a header of a radio communication terminal, serving as said communication partner, identification information to identify a radio communication terminal, serving as transmission source of said information relating to said header, is associated with said information relating to said header received, and said identification information is transmitted to said radio communication terminal, serving as said transmission source.

32. (New) The radio communication method according to claim 28, wherein said radio communication terminal transmits information relating to a header to said radio section as data

and adds predetermined identification information associated with said header to data to be transmitted subsequently.

33. (New) The radio communication method according to claim 31, wherein said identification information is set in said communication setting.

34. (New) The radio communication method according to claim 32, wherein said identification information is set in said communication setting.

35. (New) The radio communication method according to claim 28, wherein said radio communication terminal receives data, and transmits data after receiving acknowledgment information to notify that said data has been received when said receiving acknowledgment information is transmitted.

36. (New) The radio communication method according to claim 35, wherein said radio communication terminal terminates transmission of said data following said receiving acknowledgment information in accordance with a predetermined condition.

37. (New) The radio communication method according to claim 26, wherein communication in accordance with IEEE Std 802.11 is utilized as said radio communication.

38. (New) A radio communication terminal in a radio LAN system, wherein radio communication based TDMA system is performed with idle time provided between data transmitted and received by radio communication terminals on radio section, wherein said radio communication terminal acquires in advance a header of said data on said radio section exchanged between other radio communication terminals, and in case of receiving data without a header from one of said other communication terminals, said radio communication terminal performs processing of said received data referring to said header acquired in advance.

39. (New) The radio communication terminal according to claim 38, wherein communication setting to reduce header transmission time of and/or idle time during said radio communication is changed.

40. (New) The radio communication terminal according to claim 38, wherein communication in accordance with IEEE Std 802.11 is utilized as said radio communication.

41. (New) A radio LAN system where radio communication based on TDMA system is performed with idle time provided between data transmitted and received by radio communication terminals on a radio section, wherein said radio communication terminal acquires in advance a header of said data on said radio section exchanged between other radio communication terminals, and in case of receiving data without a header from one of said other communication terminals, said radio communication terminal performs processing of said received data referring to said header acquired in advance.

42. (New) The radio LAN system according to claim 41, wherein said radio communication terminals change communication setting during said radio communication to reduce header transmission time and/or idle time.

43. (New) The radio LAN system according to claim 41, wherein communication in accordance with IEEE Std. 802.11 is utilized as said radio communication.